

Environmental Restoration Project



Area of Concern (AOC) No. 1117: Building 9982 Drywell (Solar Tower Complex)

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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Site History

Historical SNL/NM Facilities Engineering drawings indicate that this system consisted of a drywell located approximately 10 feet north of the northwest corner of Building 9982. Building 9982 is located in the northwestern part of the Solar Tower complex. It is assumed that this unit was abandoned in the early 1990s when the City of Albuquerque sanitary sewer system was extended into the southern KAFB area. No other historical research has been conducted for this site.

Constituents of Concern

Constituents of concern for this site are unknown.

Current Hazards

No known surface hazards have been identified. Analytical data for soil samples collected at the site had not been compiled or analyzed as of November 2001; therefore potential subsurface environmental hazards are unknown.

Current Status of Work

A field inspection was conducted at the site in August 1999 and no surface expression of this drywell was found in the area indicated for the unit on engineering drawings. However, Solar Tower facility personnel indicated that to their knowledge, this subsurface unit was in fact located at the position shown on engineering drawings. It was therefore concluded that a backhoe excavation would not be required to locate the unit.

Shallow soil samples were collected from a single soil boring drilled down through the center of and beneath the unit in August 1999. This boring was drilled at the location for the drywell indicated on engineering drawings. As drilling progressed, an abundant amount of 2-inch rounded aggregate was returned from the hole. This is the type of material a drywell is typically constructed of, and was considered a conclusive indication that the boring was in fact located directly over the drywell. Soil samples collected from this boring were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total cyanide, high explosive (HE) compounds, metals, and radionuclides.

Future Work Planned

Analytical results for the soil samples collected in 1999 will be compiled and reviewed.

This site may be selected for deeper environmental characterization sampling if analytical results from the shallow sampling indicate potentially significant contamination at depth.

Waste Volume Estimated/Generated

No environmental characterization or remediation waste has been generated at the site to date.

Information for ER Site 1117 was last updated Jan 24, 2003.